

**Notice of Allowability**

Application No.

10/811,487

Examiner

Sam Rizk

Applicant(s)

CADIC ET AL.

Art Unit

2112

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/17/2007.
2. ☒ The allowed claim(s) is/are 1-23,25-27.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

*Sam Rizk*  
JACQUES LOUIS JACQUES  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

### DETAILED ACTION

- Response to the applicant's amendment dated 12/17/2007
- Claims 24, 28 and 29 have been Cancelled
- Claims 1-23 and 25-27 have been submitted for examination
- Claims 1-23 and 25-27 have been allowed

#### ***Claim Rejections - 35 USC § 101***

1. In view of the applicant amended claims 1 and 25, all objections to the claim rejections under section **35 USC § 101** are withdrawn.

#### ***Claim Rejections - 35 USC § 112***

2. In view of the applicant amended claim 23, all objections to the claim rejections under section **35 USC § 112** are withdrawn.

### REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

3. The prior Art of record and, in particular Carlach US patent no. 6,745,362 (by same assignee and published 2/17/2000) and Okamura et al. US patent no. 7,178,090 teach error correction coding by method and apparatus for providing of at least two elementary code, that is non-iterative.

However, the prior art do not teach, suggest, or otherwise render obvious the feature as cited in claims 1 and 25 that An error correction coding method, comprising the steps of providing for at least two distinct sections of a predetermined elementary code, each section associating an arrival vector (s2, s3) with a starting state vector (so,s1) according to a vector of branch labels (bo,

Art Unit: 2112

b1, b2, b3) defining a code word, two sections of said elementary code being distinct when the order and/or the role of the elements of said branch label vector are changed.

4. Claims (2-23) depend from claim 1.
5. Claims (26-27) depend from claim 25.

### **Conclusion**

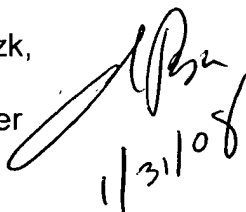
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sam Rizk whose telephone number is (571) 272-8191. The examiner can normally be reached on M-F 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jacques Louis-Jacques can be reached on (571) 272-6962. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

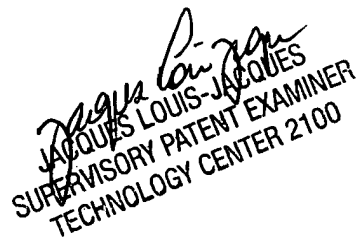
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronics Business Center (EBC) at 866-217-9197 (toll-free)

Sam Rizk,

Examiner



1/31/08



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